

Title (en)

METHOD AND SYSTEM FOR DETERMINING TIRE-TO-ROAD FRICTION IN A VEHICLE

Title (de)

VERFAHREN UND SYSTEM ZUR BESTIMMUNG DER REIBUNG ZWISCHEN REIFEN UND STRASSE IN EINEM FAHRZEUG

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DU FROTTEMENT PNEU-ROUTE DANS UN VÉHICULE

Publication

EP 3587201 A1 20200101 (EN)

Application

EP 18180900 A 20180629

Priority

US 201862687858 P 20180621

Abstract (en)

A method for estimating a tire property of a vehicle based on tire-to-road friction properties for a fleet of vehicles. The method comprises: determining (100) a tire-to-road friction for a plurality of vehicles, belonging to the fleet of vehicles, at a plurality of specified locations; determining (102) a reference tire-to-road friction for the fleet of vehicles at each specified location; in a vehicle (200), determining (104) a current tire-to-road friction at a first location (202) being one of the specified locations; determining (106) a difference between the current tire-to-road friction and the reference tire-to-road friction of the fleet for the first location; and estimating (108) a tire property of the vehicle based on the determined difference. There is also provided a system configured to perform the described method.

IPC 8 full level

B60T 8/172 (2006.01); **G08G 1/16** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

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